~~C~~ ~~●~~ Errors Corrected by the STIC S ~~●~~ ms Branch

Serial Number: 09/001,093

CRF Processing Date: 2/20/98
Edited by: _____
Verified by: ____ A ____ (STIC staff)

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____
_____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [✓] Changed the spelling of a mandatory field (the headings or subheadings), specifically: "APLICATION" under (vii) PRIOR APP DATA;

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
_____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
_____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _____
_____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____
_____

- [ ] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as _____ .

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____
_____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____
_____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other: _____
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/007,093*

DATE: 02/20/98
TIME: 12:15:37

INPUT SET: S23619.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

```
 1
 2
 3     (1)     General Information:
 4
 5           (i) APPLICANT: Anand, Naveen N
 6                          Barber, Brian H
 7                          Cates, George A
 8                          Caterini, Judith E
 9                          Klein, Michel H
10
11           (ii) TITLE OF INVENTION: CHIMERIC ANTIBODIES FOR DELIVERY OF
12                   ANTIGENS TO SELECTED CELLS OF THE IMMUNE SYSTEM
13
14          (iii) NUMBER OF SEQUENCES: 20
15
16           (iv) CORRESPONDENCE ADDRESS:
17                   (A) ADDRESSEE: Sim & McBurney
18                   (B) STREET: Suite 701, 330 University Avenue
19                   (C) CITY: Toronto
20                   (D) STATE: Ontario
21                   (E) COUNTRY: Canada
22                   (F) ZIP: M5G 1R7
23
24           (v) COMPUTER READABLE FORM:
25                   (A) MEDIUM TYPE: Floppy disk
26                   (B) COMPUTER: IBM PC compatible
27                   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28                   (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
29
30           (vi) CURRENT APPLICATION DATA:
31                   (A) APPLICATION NUMBER:
32                   (B) FILING DATE:
33                   (C) CLASSIFICATION:
34                                  APPLICATION
35          (vii) PRIOR APLICATION DATA:
36                   (A) APPLICATION NUMBER: US 08/483,576
37                   (B) FILING DATE: 07-JUN-1995
38                   (C) CLASSIFICATION:
39
40          (viii) ATTORNEY/AGENT INFORMATION:
41                   (A) NAME: Stewart, Michael I
42                   (B) REGISTRATION NUMBER: 24,973
43                   (C) REFERENCE/DOCKET NUMBER: 1038-765
44
45           (ix) TELECOMMUNICATION INFORMATION:
46                   (A) TELEPHONE: (416) 595-1155
```

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RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/007,093*

DATE: 02/20/98
TIME: 12:15:40

INPUT SET: S23619.raw

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49
50   (2) INFORMATION FOR SEQ ID NO:1:
51
52   (i) SEQUENCE CHARACTERISTICS:
53   (A) LENGTH: 387 base pairs
54   (B) TYPE: nucleic acid
55   (C) STRANDEDNESS: single
56   (D) TOPOLOGY: linear
57
58
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62   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
63
64   ATGGACATGA GGGTTCCTGC TCACGTTTTT GGCTTCTTGT TGCTCTGGTT TCCAGGTACC   60
65
66   AGATGTGACA TCCAGATGAC CCAGTCTCCA TCCTCCTTAT CTGCCTCTCT GGGACAAAGA   120
67
68   GTCAGTCTCA CTTGTCGGGC AAGTCAGGAA ATTAGTGGTT ACTTAACCTG GCTTCAGCAG   180
69
70   AAACCAGATG GAACTATTAA ACGCCTGGTC TACGCCGCGT CCACTTTAGA TTCTGGTGTC   240
71
72   CCAAAAAGGT TCAGTGGCAG TAGGTCTGGG TCAGATTATT CTCTCACCAT CAGCAGCCTT   300
73
74   GAGTCTGAAG ATTTTGCAGA CTATTACTGT CTACAATATA CTAATTATCC GCTCACGTTC   360
75
76   GGTGCTGGGA CCAAGCTGGA GCTGAAA   387
77
78   (2) INFORMATION FOR SEQ ID NO:2:
79
80   (i) SEQUENCE CHARACTERISTICS:
81   (A) LENGTH: 129 amino acids
82   (B) TYPE: amino acid
83   (C) STRANDEDNESS: single
84   (D) TOPOLOGY: linear
85
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90   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
91
92   Met Asp Met Arg Val Pro Ala His Val Phe Gly Phe Leu Leu Leu Trp
93   1   5   10   15
94
95   Phe Pro Gly Thr Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser
96   20   25   30
97
98   Leu Ser Ala Ser Leu Gly Gln Arg Val Ser Leu Thr Cys Arg Ala Ser
99   35   40   45

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RAW SEQUENCE LISTING
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100
101        Gln Glu Ile Ser Gly Tyr Leu Thr Trp Leu Gln Gln Lys Pro Asp Gly
102           50                      55              60
103
104        Thr Ile Lys Arg Leu Val Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val
105           65              70                  75              80
106
107        Pro Lys Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Thr Ser Leu Thr
108                       85                  90                  95
109
110        Ile Ser Ser Leu Glu Ser Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln
111                      100                 105                110
112
113        Tyr Thr Asn Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu
114              115                     120             125
115
116        Lys
117
118
119
120    (2) INFORMATION FOR SEQ ID NO:3:
121
122        (i) SEQUENCE CHARACTERISTICS:
123            (A) LENGTH: 420 base pairs
124            (B) TYPE: nucleic acid
125            (C) STRANDEDNESS: single
126            (D) TOPOLOGY: linear
127
128
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131
132        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
133
134    ATGGCTCTCC TGGTACTGTT CCTCTCCCTG GCTGCATTTC CAAGCTGTGG TGTCCTGTCC      60
135
136    CAGGTGCAGC TGAAGGAGTC AGGACCTGGC CTGGTGGCGC CCTCACAGAG CCTGTCCATC     120
137
138    ACTTGCACTG TCTCTGGGTT TTCATTAACC AGCTATGGTG TACACTGGGT TCGCCAGCCT     180
139
140    CCAGGAAAGG GTCTGGAGTG GCTGGGAGTA ATATGGGCTG GTGGAAGCAT AAATTATAAT     240
141
142    TCGGCTCTCA TGTCCAGACT GAGCATCAGC AAAGACAACT TCAAGAGCCA AGTTTTCTTA     300
143
144    AAAATGAGCA GTCTGCAAAC TGATGACACA GCCATGTACT ACTGTGCCAG AGCCTATGGT     360
145
146    GACTACGTCC ACTATGCTAT GGACTACTGG GGTCAAGGAA CCTCAGTCAC CGCCTCCTCA     420
147
148
149    (2) INFORMATION FOR SEQ ID NO:4:
150
151        (i) SEQUENCE CHARACTERISTICS:
152            (A) LENGTH: 140 amino acids
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RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/007,093*

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INPUT SET: S23619.raw

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```
            (B)  TYPE: amino acid
            (C)  STRANDEDNESS: single
            (D)  TOPOLOGY: linear




   (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:4:

      Met Ala Leu Leu Val Leu Phe Leu Ser Leu Ala Ala Phe Pro Ser Cys
       1               5                  10                  15

      Gly Val Leu Ser Gln Val Gln Leu Lys Glu Ser Gly Pro Gly Leu Val
                      20                  25                  30

      Ala Pro Ser Gln Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser
                  35                  40                  45

      Leu Thr Ser Tyr Gly Val His Trp Val Arg Gln Pro Pro Gly Lys Gly
              50                  55                  60

      Leu Glu Trp Leu Gly Val Ile Trp Ala Gly Gly Ser Ile Asn Tyr Asn
      65                  70                  75                  80

      Ser Ala Leu Met Ser Arg Leu Ser Ile Ser Lys Asp Asn Phe Lys Ser
                      85                  90                  95

      Gln Val Phe Leu Lys Met Ser Ser Leu Gln Thr Asp Asp Thr Ala Met
                     100                 105                 110

      Tyr Tyr Cys Ala Arg Ala Tyr Gly Asp Tyr Val His Tyr Ala Met Asp
                 115                 120                 125

      Tyr Trp Gly Gln Gly Thr Ser Val Thr Ala Ser Ser
             130                 135                 140

(2)  INFORMATION FOR SEQ ID NO:5:

    (i)  SEQUENCE CHARACTERISTICS:
          (A)  LENGTH: 34 amino acids
          (B)  TYPE: amino acid
          (C)  STRANDEDNESS: single
          (D)  TOPOLOGY: linear




   (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:5:

      Gly Pro Lys Glu Pro Phe Arg Asp Tyr Val Asp Arg Phe Tyr Lys Asn
       1               5                  10                  15
```

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RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/007,093*

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TIME: 12:15:51

INPUT SET: S23619.raw

206
207   Lys Arg Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
208   20   25   30
209
210   Lys Asn
211
212
213   (2) INFORMATION FOR SEQ ID NO:6:
214
215   (i) SEQUENCE CHARACTERISTICS:
216   (A) LENGTH: 108 base pairs
217   (B) TYPE: nucleic acid
218   (C) STRANDEDNESS: single
219   (D) TOPOLOGY: linear
220
221
222
223
224
225   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
226
227   GGTCCTAAAG AACCTTTTAG AGACTATGTT GATAGGTTTT ATAAGAATAA GAGGAAGAGG   60
228
229   ATACATATAG GGCCTGGTAG GGCTTTTTAT ACTACTAAGA ATTAATAA   108
230
231   (2) INFORMATION FOR SEQ ID NO:7:
232
233   (i) SEQUENCE CHARACTERISTICS:
234   (A) LENGTH: 60 base pairs
235   (B) TYPE: nucleic acid
236   (C) STRANDEDNESS: single
237   (D) TOPOLOGY: linear
238
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242
243   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
244
245   CATTATGGAT CCGGTCCTAA AGAACCTTTT AGAGACTATG TTGATAGGTT TTATAAGAAT   60
246
247
248   (2) INFORMATION FOR SEQ ID NO:8:
249
250   (i) SEQUENCE CHARACTERISTICS:
251   (A) LENGTH: 51 base pairs
252   (B) TYPE: nucleic acid
253   (C) STRANDEDNESS: single
254   (D) TOPOLOGY: linear
255
256
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/09/007,093*

INPUT SET: S23619.raw

Line	Error	Original Text
		(vii) PRIOR APLICATION DATA:
35	Unknown or Misplaced Identifier	(A) APPLICATION NUMBER: US 08/483,576
36	Wrong application Serial Number	